

U. S. and U.S.S.R. CAPABILITIES

AUDIO SURVEILLANCE AND AUDIO SURVEILLANCE COUNTERMEASURES

I. U. S. CAPABILITIES

A. Audio Surveillance

1. Within the U. S. Government, this Agency has performed the preponderance of research and development in the audio surveillance field through contracts with outside resources. During the past few years, the Agency has developed relationships with a number of major (and minor) commercial concerns and government laboratories which have provided exceptional research and development support. This support has been augmented by the personal interest (and respect for the Agency R&D program) of a number of leading U. S. scientists, engineers, and corporation executives. The R&D staff of the Agency has been able to exploit this broad and deep support for the creation of techniques and devices to meet the various operational environments and opportunities.
2. There is no single audio surveillance system that is suitable for all operations. Consequently, a variety of techniques have been investigated. Many of the possible solutions have been discarded but a number of systems have been found operationally useful. Today, the systems available and in use include:
3. Each of the above basic categories includes a number of different systems. From these, the operations officer and the audio technician are able to select the system,

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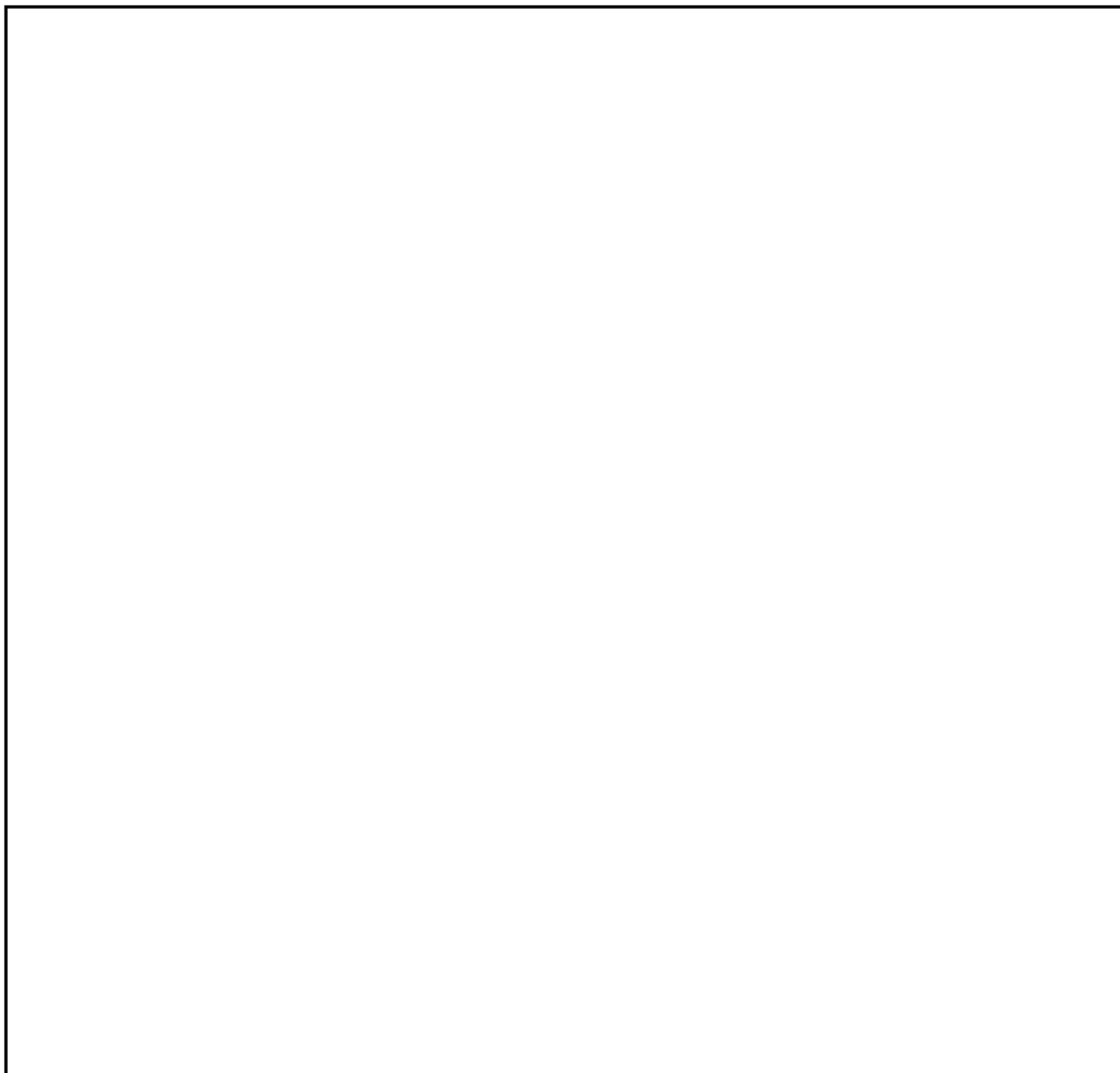
or systems, that is most compatible with the distinctively  
different operational situations of each intended target.  
The success of the total audio surveillance program is  
reflected in the

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B. Audio Surveillance Countermeasures

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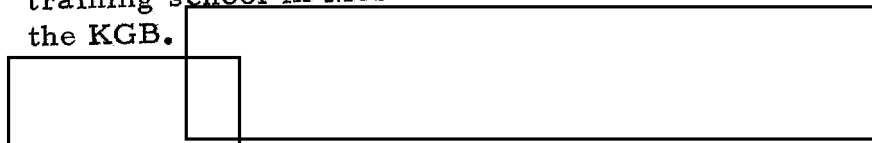
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Training programs have been expanded to insure that inspectors are knowledgeable of all aspects of counter-measures equipment and techniques. In the protective field most agencies conduct extensive briefings for all employees being assigned overseas on the threat from hostile technical penetration. In addition, emphasis has been placed on providing installations with secure conference rooms, speech privacy systems, telephone security and in-place detection capabilities.

## II. U.S.S.R. CAPABILITIES

### A. Audio Surveillance

1. Any estimate of the audio surveillance capabilities of the Soviets must center around the KGB and should take into account the total scientific and technical facilities in the USSR available to the KGB. There are fifty laboratories and seven schools in the USSR identified as concerning themselves with R&D in electricity, electronics and related matters. There are thirty R&D establishments in Moscow and four more near that city. One of these latter four is known as Kuchino and is reported to be the principal R&D and production facility for the KGB. It is divided into four sections, employs some 700 people and a review of the breakdown of the sections reveals a most complete attention to audio surveillance equipment to include chemistry, optics, radio receivers, telephones, cypher devices and micro-miniaturization. In addition to this facility, there is reported to be an advanced training school in Moscow for technical personnel of the KGB.



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